

RUSTAMOV, S.

A rare manuscript on the history of Lenkoran and talysh [in Azerbaijani with summary in Russian]. Dokl.AN Azerb.SSR 12 no.3:  
233-235 '56. (MLRA 9:8)

(Lenkoran--History) (Talysh--History)

RUSTAMOV, S.

A new manuscript of Bakikhanov. Dokl.AN Azerb.SSR 12 no.4:  
295-298 '56. (MLRA 9:8)

1. Predstavleno akademkom AN Azerbaydzhanskoy SSR A.A. Alizade.  
(Bakikhanov, Abbas-Kuli, 1794-1847)

RUSTAMBEKYAN, S.F.

Manufacture of cast, fused mullite. Ogneupory 29 no.2:67-71 '64.  
(MIRA 17:1)

1. Institut khimii Gosmetallurgkomiteta pri Gosplane SSSR.

RUSTAMOV, S.G.

Flow of solids in the Samur River. Izv. AN Azerb. SSR. Ser.  
geol.-geog. nauk no.3:90-100 '65. (MIRA 18:9)

RUSTAMOV, S. G.

"Hydrographic Characteristics of the Rivers on the Kabristan-Apsheron Range",  
Izvestiya AN Azerbaydzhanskoy SSSR (News of the Academy of Sciences, Azerbaijan SSR),  
Nos 1 and 2, Baku, 1947

SO: U-3039, 11 Mar 1953

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CIA-RDP86-00513R001446130006-6

RUSTAMOV, S. G.

"Hydrographical Peculiarities of the Rivers of the Kabristan-Apsheron Massif," Doklady  
Akademii Nauk Azerbaydzhansk SSR, Vol III, No 1, 1947 (27-29).  
(Meteorologiya i Gidrologiya, No 6 Nov/Dec 1947)

SO: U-3218, 3 Apr 1953

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446130006-6"

RUSTAMOV, S. G.

Rustamov, S. G. - "The surface waters of the Nakhichevan ASSR," Isvestiya Akad. nauk Azerbaydzh. SSR, 1949, No. 5, p. 21-27, (Resume in Azerbaijani)

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

RUSTAMOV, S.G., AND RULIEV, G.I.

"Reduction of Runoff of Detritus to Long Periods of Observations on the Basis of the Small Rivers of Azerbaijan," Izv. AN Az SSR, No 8, 71-90, 1953

The methods for the computation of the runoff of detritus worked out by G.I. Stamov and G.V. Lepatin for mountain rivers of Azerbaijan do not give the needed results. To obtain a satisfactory magnitude of the norm of runoff of suspended detritus under the conditions of the small mountain rivers of Azerbaijan, the authors propose, in cases where there are observations on unit turbidity and measured yields of suspended detritus, that their relation be used. (RZhGel, No 1, 1955)

SO: Sum. No. 536, 10 Jun 55

RUSTAMOV, S. G., AND KULIKOV, G. I.

Muddiness of the Left Bank Tributaries of the Kura

The left bank tributaries of the Kura within the limits of Azerbaydzhan SSR produce very great erosion which wreaks severe damage on various branches of the economy of the region, mainly agriculture. About 4.8 million tons of suspended detritus is yearly carried away from area of 5298 km<sup>2</sup> by the rivers; i.e., the modulus of runoff of detritus is about 905 tons/km<sup>2</sup>. According to data of systematic observations at 14 hydro-metric stations, the author computed the runoff of suspended detritus over the period of observations, and established the mean value of this runoff over many years; he also obtained data on the monthly distribution of runoff, and derived the characteristics governing the magnitude of detritus. (RZhGeol, No. 4, 1955) Izv. AN AzSSR, No. 8, 1954, 55-66 (Azerbaydzhani resume).

SO: Sum. No. 744, 8 Dec 55 - Supplementary Survey of Soviet Scientific Abstracts (17)

RUSTAMOV, S.G.; KULIKOV, G.I.

Hydrochemical regimen of the Kura River. Dokl.AN Azerb. SSR 10  
no.11:787-791 '54. (MLRA 8:10)

1. Institut geografii Akademii nauk Azerbaydzhanskoy SSR. Pred-  
stavлено deystvitel'nym chlenom Akademii nauk Azerbaydzhanskoy  
SSR M.A.Kashkayem.  
(Kura River--Hydrology)

15-57-12-17245

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 12,  
p 76 (USSR)

AUTHORS: Rustamov, S. G., Kulikov, G. I.

TITLE: Weight of River Deposits in the Kura River Basin  
(Disregarding those of the Araks River) Vzveshennyye  
nanosy rek basseyna Kury (bez Araksa)

PERIODICAL: Izv. AN AzSSR, 1955, Nr 12, pp 29-50

ABSTRACT: Bibliographic entry  
Card 1/1

RUSTAMOV, S.G. : ZAMANOV, Kh.D.

Lakes of the Sumgait-Chay Basin [in Azerbaijani with summary in Russian]. Dokl.AN Azerb.SSR 12 no.5:335-340 '56. (MIRA 9:9)  
(Sumgait-Chay Basin--Lakes)

RUSTAMOV, S. G., Doc Geogr Sci -- (diss) "Rivers of Azerbaydzhan  
SSR and their hydrological peculiarities." Mos, 1957. 22 pp  
(Inst of Geography, Acad Sci USSR), 110 copies. List of author's  
works ~~xxxxxxxxxxxxxx~~ and bibliography pp 19-22 (KL, 2-58, 111)

-15-

RUSTAMOV, S.G.

Intensity of surface erosion in the catchment areas of Azerbaijanian rivers. Dokl.AN Azerb. SSR 13 no.6 661-664 '57. (MLRA 10:8)

I.Institut geografii Akademii nauk Azerbaydzhanskoy SSR. Predstavлено  
академиком AN Azerbaydzhanskoy SSR M.A. Kashkayen.  
(Azerbaijan--Erosion)

RUSTAMOV, S.G.

3(5) 30(5) 3

PHASE I BOOK EXPLOITATION

SOV/1267

Akademiya nauk Azerbaydzhanskoy SSR. Institut geografii

Sovetskiy Azerbaydzhan (Soviet Azerbaydzhan) Baku, Izd-vo AN  
Azerbaydzhanskoy SSR, 1958. 759 p. 10,000 copies printed.

Ed.: Aliyev, M.M., Vekilov, Samed Vurgun, Deceased, Mekhtiyev, Sh.F.,  
Alampiyev, P.M., and Shikhlinskiy, E.M.; Ed. of Publishing House:  
Bagdatlislivili, D.D.; Tech. Ed.: Pogosov, V.A.

PURPOSE: The book is intended for the general reader.

COVERAGE: This is a thorough survey of the geography of Azerbaydzhan,  
natural resources, industrial potential, and rural economy. The  
book is made up of a collection of articles on the above subjects,  
written by authorities in the respective fields. In addition to  
economic aspects, the book provides a broad historical background  
and discusses present-day cultural and social life in Azerbaydzhan.  
The book is richly illustrated, showing many facets of industrial  
activity. Statistics on areas, population, and production are  
given; 35 maps accompany the text. There are no references.

Card 1/7

Soviet Azerbaydzhhan

SOV/1267

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Soviet Azerbaydzhan

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Soviet Azerbaydzhan

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3. Kura-Araks (Nazirova B.T., Candidate in Geography) 675
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9. Nakhichevanskaya ASSR (Nazirova B.T. and Izmaylov A.R.

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Candidates in Geography)

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10. Nagorno-Karabakhskaya AO (Zeynalov M.I. and Zavriyev V.G.,  
Candidates in Geography)

754

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Card 7/7

RUSTAMOV, S.G.

Hydrochemical conditions of Azerbaijan rivers. Izv AN Azerb.  
SSR. Ser. geol.-geog. nauk no.5:115-127 '58. (MIRA 11:12)  
(Azerbaijan--Rivers)

RUSTAMOV, S.G.; ZAMANOV, Kh.D.

Depth of Mingechaur Reservoir [in Azerbaijani with summary in Russian]. Dokl.AN Azerb.SSR 14 no.11:875-880 '58.  
(MIRA 11:12)

1. Institut geografii AN AzerSSR.  
(Mingechaur Reservoir--Sounding and soundings)

KASHKAY, M.-A.; DUMITRASHKO, N.V.; ANTONOV, B.A.; ABASOV, M.A.; BUDAGOV,  
B.A.; VOLOBUYEV, V.R.; LILYENBERG, D.A.; MADATZADE, A.A.;  
RUSTAMOV, S.G.; KHAIN, V.Ye.; SHIKHALIBEYLI, E.Sh.; SHIKHLINSKIY,  
E.M.; AGIYEVA, Sh., tekhn.red.

[Geomorphology of the Azerbaijan S.S.R.] Geomorfologija Azer-  
baidzhanskoi SSR. Baku, 1959. 368 p. (MIRA 12:12)

1. Akademija nauk Azerbaidzhanskoy SSR, Baku. Institut geografii.  
(Azerbaijan--Physical geography)

RUSTAMOV, S.G.; ZAMANOV, Kh.D.

Water balance of the Mingechaur Reservoir. Izv. AN Azerb. SSR.  
Ser. geol.-geog. nauk no. 1:103-117 '59. (MIRA 12:5)  
(Mingechaur Reservoir)

RUSTAMOV, S.G.

Characteristics of the surface runoff of Azerbaijani rivers  
(average perennial flow). Trudy Inst.geog.AN Azerb.SSR 8:5-44  
'59. (MIRA 12:11)

(Azerbaijan--Runoff)

GYUL', K.K., doktor geogr. nauk, prof., red.; ALIYEV, G.B., kand. geogr. nauk, red.; ZAVRIYEV, V.G., doktor geogr.nauk, red.; RUSTAMOV, S.G., doktor geogr.nauk, red.; SHIKHLINSKIY, E.M., kand.geogr.nauk, red.; BAGDAT-LISHVILI, D., red. izd-va; ISMAYLOV, T., tekhn. red.

[Proceedings of the Geographical Society of the Azerbaijan S.S.R.] Trudy Geograficheskogo obshchestva Azerbaidzhanskoi SSR. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 365 p. (MIRA 14:6)

1. Geograficheskoye obshchestvo Azerbaidzhanskoy SSR.  
(Azerbaijan--Physical geography)

RUSTAMOV, S.G.

Current state of the study of the hydrology of the Azerbaijan  
S.S.R. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no.2:99-107 '60.  
(MIRA 13:10)

(Azerbaijan--Hydrology)

RUSTAMOV, S.G.; VELIYEV, N.A.

Annual distribution of the river discharge in the southern slope  
of the Greater Caucasus. Izv. AN Azerb. SSR. Ser. geol.-geog.  
nauk no.3:105-116 '60. (MIRA 13:10)

(Caucasus--Runoff)

RUSTAMOV, S.G., doktor geogr.nauk

First Transcaucasian Conference on the Study of Snow, Snow Cover,  
Snow Avalanches, and Glaciers of the Caucasus. Izv. AN Azerb. SSR.  
Ser. geol.-geog. nauk no.3:149-150 '60. (MIRA 13:10)  
(Caucasus—Snow) (Caucasus—Glaciers)

RUSTAMOV, S.G.

Granulometric studies of river drifts in Azerbaijan. Izv. AN Azerb.  
SSR. Ser. geol.-geog. nauk no.6:83-90 '60. (MIRA 14:3)  
(Azerbaijan--Alluvium)

RUSTAMOV, S.G.; AKHUNDOV, S.A.

Some features of solid runoff of the Turianchay River. Izv.AN Azerb.-  
SSR. Ser.geol.-geog.nauk i nefti no.3:57-71 '61. (MIRA 15:1)  
(Turianchay Valley--Runoff)

RUSTAMOV, S.G.

Conference on scientific and practical aspects of the study and control  
of soil erosion and mudflows in the Kishchay Basin. Izv. AN Azerb.SSR.  
Ser.geol.-geog.nauk i nefti no.3:97-98 '61. (MIRA 15:1)  
(Kishchay Valley--Soil erosion)

RUSTAMOV, S.G., red.

[Problems in the geography of Azerbaijan] Voprosy geografii Azerbaidzhana. Baku, Izd-vo AN Azerbaidzh.SSR,  
1964. 295 p. (MIRA 17:12)

l. Akademiya nauk Azerbaidzhanskoy SSR, Baku. Institut  
geografii.

POLADOV, M.M., kand. sel'khoz. nauk, ovt. red.; KHALILOV, A.G., prof., red.; RUSTAMOV, S.G., prof., red.; RUSTAMOV, N.G., red.; YAGMUROVA, T., red.izd-va; IBRAGIMOV, M., tekhn. red.

[Problems of the overall use and conservation of water resources in the Azerbaijan S.S.R.] Voprosy kompleksnogo ispol'zovaniia i okhrany vodnykh resursov Azerbaidzhanskoi SSR. Baku, Izd-vo AN Azerbaidzh. SSR, 1963. 462 p.  
(MIRA 17:2)

1. Akademiya nauk Azerbaidzhanskoy SSR. Baku. Sovet po izucheniyu proizvoditel'nykh sil.

RUSTAMOV, S.G.

Fifth All-Union Conference on the Study and Control of  
Mudflows. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti  
no.6:119-122 '62. (MIRA 16:4)

(Runoff)

RUSTAMOV, S. G.

"Estimation of rain floods of mountain rivers"

report to be submitted for the United Nations Conference on the  
Application of Science and Technology for the Benefit of the Less  
Developed Areas - Geneva, Switzerland, 4-20 Feb 63.

RUSTAMOV, S.G.; VELIYEV, N.A.

Average perennial discharge of the Kischay Basin. Izv. AN  
A Azerb.SSR. Ser.geol.nauk i nefti no.5:148-154 '61. (MIRA 15:1)  
(Kishchay Valley--Hydrology)

RUSTAMOV, S.G.

Extreme limits of the runoffs of rivers in the Azerbaijan  
S.S.R. Trudy Inst. geog. AN Azerb.<sup>ISSN 1026-4511</sup> '61.  
(MIRA 14:12)  
(Azerbaijan--Rivers)

RUSTAMOV, S.G.

Role of the snow cover in the feeding of the rivers of Azerbaijan.  
Trudy Tbil.NIGMI no.9:165-170 '61. (MIRA 15:3)

1. Institut geografii Azerbaydzhanskoy SSR.  
(Azerbaijan--Runoff)

RACHINSKIY, V.V.; RUSTAMOV, S.M. (Moscow)

Theory of ion exchange dynamics. Part 6. Zhur. fiz. khim. 38  
no.3:664-671 Mr '64. (MIRA 17:7)

1. Timiryazevskaya sel'skokhozyaystvennaya akademiya.

RACHINSKIY, V.V.; RUSTAMOV, S.M. (Moscow)

Theory of ion exchange dynamics. Part. 7. Zhur. fiz. khim.  
38 no.4:885-890 Ap '64. (MIRA 17;6)

1. Sel'skokhozyaystvennaya akademiya imeni K.A. Timiryazeva.

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RUSTAMOV S.M.  
USSR/Physical Chemistry - Liquids, Amorphous Bodies, Gases.

B-6

Abs Jour: Referat. Zhurnal Khimiya, No 3, 1958, 7093.

Author : I.B. Rabinovich, V.G. Golov, N.A. Efimova, S.M. Rustamov.

Inst : Academy of Sciences of USSR.

Title : Effects of Isotopes on Compressibility and Association of Deutero-Alcohols.

Orig Pub: Dokl. AN SSSR, 1957, 114, No 3, 590-593.

Abstract: The velocity of ultrasonic and density in the temperature range from 10° to 60 or 80° of a number of ordinary and deutero-substituted alcohols and D<sub>2</sub>O were studied. The osmotic coefficients of the above mentioned alcohols in benzene solutions were measured by the cryoscopic method. Following conclusions were arrived at: the deutero-alcohols are associated with hydrogen bonds to a greater degree than their hydrogen analogues; the compression of the liquid proceeds basically along the Van-der Waals links; the compressibility of deutero-alcohols is greater than

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Card : 1/2

USSR/Physical Chemistry - Liquids, Amorphous Bodies, Gases.

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Abs Jour: Referat. Zhurnal Khimiya, No 3, 1958, 7093.

that of ordinary alcohols; the isotope effect is 1 to 2% and it decreases with the temperature rise; as compared with H<sub>2</sub>O, D<sub>2</sub>O is associated with hydrogen bonds to a greater degree and with Van-der-Waals bonds to a lesser degree.

20-114-3-38/60

AUTHORS: Rabinovich, I. B., Golov, V. G., Yefimova, N. A., Rustamov, S.M.

TITLE: The Isotopic Effect in Compressibility and in the Association  
of Deuteroalcohols (Izotopnyy effekt v szhimayemosti i  
assotsiatsii deyterospitov)

PERIODICAL: Doklady Akademii Nauk SSSR, 1957, Vol. 114, Nr 3, pp. 590-593 (USSR)

ABSTRACT: The paper under review is devoted to the investigation of the ultrasonic velocity  $a$  and of the density  $d$  in the interval between  $10^{\circ}$  and  $60 - 80^{\circ}$  for  $\text{CH}_3\text{OH}$  and  $\text{CH}_3\text{OD}$ , and several others, as well as for  $\text{D}_2\text{O}$ . The adiabatic compressibility and the osmotic coefficients were measured. The deuteroalcohols are obtained by hydrolysis, with heavy water, of appropriate alcoholates of magnesium and aluminum. The ratio of the cryoscopic molecular weight and of the molecular weight obtained from the formula decreases in the following order: methyl alcohol, ethyl alcohol, n-butyl alcohol, as well as normal, iso-, and secondary butyl alcohol. For deuteroalcohols the acid ratio is by 2 - 5 % higher than for their hydrogen analogues. Although it is not possible to derive any accurate values of the degree of association from benzene

Card 1/4

20-114-3-38/60

The Isotopic Effect in Compressibility and in the Association of Deutero-alcohols

described in the paper under review this isotopic effect of the compressibility means that in the deuteroalcohols the intermediate chain interaction is somewhat weaker than in their hydrogen analogues. The occurrence of the temperature minimum of the curve of compressibility in water, as well as the presence of the maximum of density, can be explained by superposition of two factors at the increase in temperature and also by the transition of water from a more strongly associated state into a less strongly associated state, with a denser packing of molecules (reduction in compressibility). The authors of the paper under review maintain that, as compared to normal water, the decrease in the degree of association in heavy water is delayed with respect to temperature. In a way, the retardation of ultrasound in the substances investigated, when hydrogen is substituted by deuterium, is also caused by the increase in molecular weight. There are 3 figures, 3 tables, and 15 references, 8 of which are Slavic.

Card 3/4

RUSTAMOV, S.M., aspirant

Determining the exchange capacity of absorption of the KU-2 cation  
exchanger by the static isotope and radiochromatographic methods.  
Izv. TSKhA no.4:235-238 '61. (MIRA 14:9)  
(Ion exchange resins)

S/186/62/004/003/002/022  
E075/E436

AUTHORS: Rachinskiy, V.V., Rustamov, S.M.

TITLE: On the theory of errors of indirect measurements in the studies of sorption processes by the method of radioactive indicators

PERIODICAL: Radiokhimiya, v.4, no.3, 1962, 253-260

TEXT: The author considers the theory for the evaluation of errors in indirect measurements for two methods involving the application of radioactive indicators: 1) determination of the concentration of labelled sorbed material in the sorbent by changes in the specific activity of the solution; 2) determination of the exchange capacity of sorbents according to changes in the specific activity of the solution during isotopic exchange. In the first case the formula giving the concentration  $S$  of the sorbed material in the sorbent is

$$S = \frac{V C_0}{g} (1 - \alpha) \quad (4)$$

where  $V$  is the volume of solution with the original concentration  
Card 1/3

S/186/62/004/003/002/022  
E075/E436

On the theory of errors ...

$C_0$  of the sorbed material;  $g$  is the weight of sorbent and  $\alpha = a/a_0 = A/A_0$ , where  $A$  and  $A_0$  are activities of the radioactive solution samples before and after sorption respectively. The relative error is given by

$$\frac{\Delta s}{s} = \frac{A \Delta A_0}{A_0 (A_0 - A)} + \frac{\Delta A}{A_0 - A} \quad (5)$$

The dependence of  $\Delta s/s$  on  $\alpha$  is given by

$$\frac{\Delta s}{s} = \frac{\varepsilon_0 \alpha + \sqrt{P\alpha + Q}}{1 - \alpha} \quad (9)$$

where  $\varepsilon_0$  is a known function giving the error in the statistics of radioactive disintegration and  $P$  and  $Q$  are functions depending on the time of measurement of the solution's activity, the background of the counter and the time of measurement of the background. It was shown that with the increasing  $\alpha = A/A_0$  the quantity  $\Delta s/s$  increases and within the limit  $\alpha \rightarrow 1$ .

Card 2/5

On the theory of errors ...

S/186/62/004/003/002/022  
E075/E436

the error  $\Delta S/S \rightarrow \infty$ . However, the precision sufficient in practice (error < 10%) can be obtained for  $\alpha < 0.8$ . The relative error for the determinations of the exchange capacity of sorbents is given by

$$\frac{\Delta S_0}{S_0} = \frac{\Delta A_0}{A_0 - A} + \frac{A_0 \cdot \Delta A}{A(A_0 - A)} \quad (28)$$

where  $S_0$  is concentration of the sorbed material in solution after the equilibrium is reached. It was shown that  $\Delta S_0/S_0$  has a minimum value and for  $\alpha \rightarrow 0$  and  $\alpha \rightarrow 1$  the error  $\Delta S_0/S_0 \rightarrow \infty$ . The precision adequate in practice (error < 10%) is obtained for the range  $\alpha \approx 0.1$  to  $0.7$

SUBMITTED: May 12, 1961

Card 3/3

RAJINOVICH, I.B.; GOLOB, V.G.; EFIMOVA, N.A.; RUSTAMOV, S.M.

Isotopic effect in the compressibility and association of deutero-alcohols, Dokl. AN SSSR 114 no.3:590-593 My '57. (MLRA 10:8)

1. Institut khimii Gor'kovskogo gosudarstvennogo universiteta im. N.I. Lobachevskogo. Predstavлено академиком A.N. Frumkinym.  
(Alcohols) (Deuterium compounds)

RACHINSKIY, V. V.; RUSTAMOV, S. M.

Theory of errors of indirect measurements in the study of  
sorption processes by the method of radioactive indicators.  
Radiokhimiia 4 no.3:253-260 '62. (MIRA 15:10)

(Sorption) (Radioisotopes)

RACHINSKIY, V.V.; RUSTAMOV, S.M.

Determination of the ion exchange constants by the method  
of elution radiochromatography. Radiokhimia 4 no.4:434-442  
'62. (MIRA 15:11)

(Ion exchange) (Radiochemistry)

RUSTAMOV, Uzbek Agzamovich, kand.istor.nauk; PIKULIN, M.G., kand.ekon.  
nauk, otv.red.; KNOPOV, B.I., red.; BARTSEVA, V.P., tekhn.red.

[Modern Kashmir; studies in the history, economics and culture]  
Sovremennyi Kashmir; ocherki istorii, ekonomiki i kul'tury.  
Tashkent, Izd-vo Akad.nauk Uzbekskoi SSR, 1960. 158 p.  
(MIRA 13:12)

(Kashmir)

RUSTAMOV, YA. A.

RUSTAMOV, Y A. A.: "The use of a mixture of penicillin containing 'ekmolin' to treat scarlatina." Second Moscow State Medical Inst imeni I. V. Stalin. Moscow, 1956. (DISSERTATION for the Degree of Doctor in Medical Science.)

So: Knizhnaya Letopis', No. 18, 1956.

DZHALILOV, K.N.; GADZHIYEV, M.A.; RUSTAMOV, Ya.R.

Displacement of gas with an elastic fluid in an elastic layer.  
Dokl. AN Azerb. SSR 18 no.12:37-40 '62. (MIRA 16:11)

1. Institut razrabotki neftyanykh i gazovykh mestorozhdeniy AN  
AzerSSR. Predstavлено akademikom AN AzerSSR S.M. Kuliyevym.

RUSTAMOVA, D.

Biology of the flowering of soybeans. Vestn. biol. shkro. 7 30-31  
52-54 '65. (MIRA 18.8)

1, Tashkentskiy gosudarstvennyy universitet im. V.I.Lenina.

RUSTAMOVA, D.M.

Some data on the biology of the flowering and embryology of the  
soybean in the Tashkent region. Uzb. biol. zhur. 8 no.6:49-53 '64.  
(MIRA 18:3)

1. Tashkentskiy gosudarstvennyy universitet imeni Lenina.

KARAYEV, A.I.; KAFAROVA, R.Z.; RUSTAMOVA, Sh.

Effect of the stimulation of chemoreceptors of the liver and mechanoreceptors of the colon on the phagocytic activity of leukocytes. Biul.eksp.biol.med. 42 no.6:58-61 Je '56. (MLRA 9:9)

1. Iz kafedry fiziologii cheloveka i zhivotnykh (zav. - prof. A.I. Karayev) Azerbaydzhanskogo gosudarstvennogo universiteta imeni S.M. Kirova, Baku. Predstavlena deystvitel'nym chlenom AMN SSSR V.N. Chernigovskim.

(PHAGOCYTOSIS

eff. of stimulation of chemoreceptors of liver & of mechanoreceptors of colon on phagocytic activity of leukocytes in rabbits)

(CENTRAL NERVOUS SYSTEM, physiol.  
same)

RUSTAMOVA, SH.

T-1

USSR/General Problems of Pathology - Immunity.

Abs Jour : Ref Zhur Biol., No 1, 1958, 2965

Author : A.I. Karayev, R.Z. Kafarova, Sh. Rustamova.

Inst : -  
Title : The Influence of Irritation of Chemoceptors of the Liver  
and Meanoceptrors of the Rectum on the Phagocytic Activity  
of the Leukocytes.

Orig Pub : Byul. eksperim. biol. i meditsiny, 1956, 41, No 6, 58-61

Abstract : In rabbits the phagocyte activity of leukocytes (PhAL) in relation to a killed culture of staphylococcus aurens was determined, after which an irritation of the chemoceptors of the liver was produced by placing on the surface of the liver a solution of acetylcholine (1 : 1000). In the experimental animals a diminution of Ph A L took place, which lasted about one hour. This phenomenon was of a reflex character, because the placing of acetylcholine on a preliminary novocainized surface of the liver was not

Card 1/2

USSR/General Problems of Pathology - Immunity.

T-1

Abs Jour : Ref Zhur - Biol., No 1, 1958, 2965

accompanied by a diminution of Ph A L. The irritation of mechanoceptors of the rectum by introducing into it a small gas-bag with a subsequent increase of pressure up to 800 mm of Mercury produced in rabbits an increase of Ph A L which lasted about 40 minutes. After novocainization of the rectal mucosa and increase in pressure was not accompanied by the characteristic changes of Ph A L.

Card 2/2

RUSTAMOVA, SH. A., CAND BIO SCI, "MECHANISM OF "HUNGER"  
MOVEMENTS IN PIGEONS." BAKU, 1961. (COM<sup>mittee</sup> FOR HIGHER AND  
SEC SPEC ED OF THE COUNCIL OF MINISTERS AZSSR. AZERBAYDZHAN  
STATE UNIV IMENI S. M. KIROV). (KL-DV, 11-61, 215).

RUSTAMOVA, SH. R.

USSR/Medicine - Blood  
Medicine - Relapsing Fever

Jun 43

"The Problem of Changes in the Blood Due to Typhus Recurrents," Kh. N. Akhundova,  
Sh. R. Rustamova, Second Hosp, Therapeutic Clinic, Azerbaydzhan Med Inst, Baku,  
 $\frac{21}{2}$  pp

"Klin Med" Vol XXVI, No 6

Tabulates and discusses hemograms of eight relapsing fever patients. Concludes that  
disease is not accompanied by substantial changes in blood.

PA 1h/49 T59

RUSTAMOVA-GADZHIYEVA, P.G.

Effect of stimulation of carotid sinus receptors on carbohydrate metabolism following the administration of Istisu mineral water under different conditions. Dokl.AN Azerb.SSR 16 no.3:307-310 '60.

(MIRA 13:7)

(Carbohydrate metabolism) (Mineral waters)

USSR / Human and Animal Physiology. Metabolism.

T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40961.

Author : Rustamova-Godzhiyeva, B. G.

Inst : Azerbaydzhan University

Title : The Effect of Stimulation of the Intero-receptors  
of the Carotid Sinus on Carbohydrate Metabolism  
During Administration of Mineral Source Water.

Orig Pub: Uch. zap Azerb. un-t, 1957, No 4, 101-106.

Abstract: No Abstract.

Card 1/1

15

GABRILOSHOVA, N.N., studentka V.kursa; GOLOVKO, G.H., student V kursa;  
KOVAL'TSOVA, V.S., student V kursa; POPENKO, T.V., studentka V  
kursa; RUSTAMOV, T., student V kursa

Neurological disorders in some helminthiases. Sov.med. 25 no.1:  
127-130 Ja '62. (MIRA 15:4)

1. Iz kliniki nervnykh bolezney (rukoveditel' - dotsent V.A.Likhtenshteyn)  
Dagestanskogo meditsinskogo instituta (dir. - dotsent M.M.Maksudov).  
(NERVOUS SYSTEM--DISEASES) (WORMS, INTESTINAL AND PARASITIC)

RUSTAMOVA-GADZHIYEVA, P.G.

Effect of the stimulation of chemoreceptors of the carotid sinus on the distribution of glycogen and sugar in the organism. Uch.zap.AGU no.2:61-65 '58. (MIRA 12:1)  
(CAROTID SINUS—INNERVATION)  
(SUGAR IN THE BODY)

RUSTAMOVA-GADEZHIYEVA, B.G.

Effect of the stimulation of mechanoreceptors of the intestine on  
the amount of glycogen and sugar in the blood during the use of  
Iatisu mineral water [in Azerbaijani with summary in Russian]. Dokl.  
AN Azerb. SSR 14 no.12:1035-1037 '58. (MIRA 12:1)  
(BLOOD SUGAR) ISTISU--MINERAL WATERS  
(INTESTINES--INNERVATION)

RUSTAMOVA-GADZHIYeva, B.G.

Effect of the stimulation of interoceptors of the carotid sinus on  
the distribution of glycogen and sugar in the organism under prolonged  
therapeutic sleep. Dokl.AN Azerb.SSR 15 no.1:81-85 '59.  
(MIRA 12:3)

(SUGAR IN THE BODY) (CAROTID SINUS--INNERVATION)

RUSTAMOVA-GADZHIYEVA, B.G.

Effect of light and photoactive substances on blood sugar  
content. DeKl.AN Azerb.SSR 16 no.1:87-92 '60. (MIRA 13:6)  
(LIGHT--PHYSIOLOGICAL EFFECT) (BLOOD SUGAR)

RUSTAMOVA-GADZHIYEVA, B.G.

Effect of interoceptive stimulation of the carotid sinus  
on the distribution of glycogen and sugar in the blood under  
different experimental conditions. Dokl. AN Azerb. SSR 15 no.7:  
599-601 '59. (MIRA 12:1)  
(BLOOD SUGAR) (CAROTID SINUS--INNervation)

RUSTAMOVA-GADZHIYEVA, B.G.

Studying the effect of Istisu mineral waters on carbohydrate metabolism. Uch. zap. AGU no.7:97-101 '57. (MIRA 11:11)  
(ISTISU--MINERAL WATERS) (CARBOHYDRATE METABOLISM)

RUSTAMOVA - GADZHIYEVA, B.G.  
RUSTAMOVA-GADZHIYEVA, B.G.

Effect produced on carbohydrate metabolism by stimulating interoceptors of the carotid sinus in persons using Istisu mineral waters.  
Uch. zap. AGU no.4:101-106 '57. (MIRA 11:1)  
(CARBOHYDRATE METABOLISM) . (CAROTID SINUS--INNERVATION)  
(ISTISU--MINERAL WATERS)

USSR/Human and Animal Physiology - Metabolism.

Abs Jour : Ref Zhur Biol., No 3, 1959, 12471

Author : Rustamova-Gadzhievna, P.G.

Inst :  
Title : Influence of Repeated Drug-Induced Sleep on Amount of  
Sugar and Glycogen in Blood and Tissues

Orig Pub : Patol. fiziologiya i eksperim. terapiya, 1958, 2, No 1,  
52

Abstract : In rabbits, in which sleep was induced 5 times every other day with veronal (0.2 g/kg of 2% solution given subcutaneously), the amount of sugar in the blood (58%) gradually decreased according to the prolongation of the sleep period. With this the glycogen content was gradually increased (126%). With extended application of the soporific the amount of glycogen decreased (in %) in the heart muscle 26, skeletal muscle 36, small intestine 59, pancreas 31, sexual glands 41,

Card 1/2

\* EKSPERIMENTAL'NAЯ MEDICINA Akademiya Nauk SSSR  
VNIIM RUDNINSKAYA INSTITUTA

RUSTAMOV-GADZHIEV, P.G., Candidate Sci--(diss) "Study and substantiation  
of the effect of ~~the~~ Istisu mineral water <sup>up</sup> on carbohydrate metabo-  
lism." Baku, 1958. 19 pp. (Azerbaijhan State Med Inst im N.Mirimanov),  
350 copies. (KL49-58, 127)

- 10 C

RUSTAMOVA-GADZHILYEVA, P.G.

Effect of the Istisu water on the distribution of glycogen and sugar  
in the blood under conditions of repeated medicamentous sleep and  
without it. Uch. zap. AGU. Biol. ser. no.4:71-74 '59. (MIRA 15:5)  
(ISTISU--MINERAL WATERS) (BLOOD--ANALYSIS AND CHEMISTRY)  
(SLEEP)

RUSTAMOV, Ya. A.

"Etnograficheskiye dannyye o kyagriznoy sisteme vodosnabzheniya v Azerbaydzhanye (v XIX - nach. XX v.)."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences, Moscow, 3-10 Aug 64.

RUSTAM-ZADE, P.B., doktor tekhn.nauk; ALIYEV, M.N., inzh.; MIRZADZHAMENOV, T.M., inzh.; NURMAMEDOV, T.A., inzh.

Start of large synchronous compensators by directly connecting them into the network. Elek. sta. 33 no.8:47-49 Ag '62.  
(MIRA 15:8)

(Electric power distribution)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446130006-6

AZIMOV, B.A.; ALIZADE, A.A.; ASLANOV, R.K.; GUSEYNOV, F.G.; DZHVARLY, Ch.M.;  
YEL'YASHEVICH, Z.B.; KADYPOV, Ya.B.; KULIZADE, K.N.; KYAZIMZADE, Z.I.;  
MAMIKONYANTS, L.G.; PETROV, I.I.; RUSTAMZADE, F.B.; SPIRIN, A.A.;  
SYROMYATNIKOV, I.A.; ESIBYAN, M.A.; EFENDIZADE, A.A.

Professor Boris Maksimovich Pliushch, 1904- ; on his 60th birthday.  
Elektrichestvo no.1:91-92 Ja '65. (MIRA 18:7)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446130006-6"

SYROMYATNIKOV, I.A.; MAMIKONYANTS, L.G.; MAMEDOV, A.M.; KULI-ZADE, K.N.;  
ABDURASHITOV, S.A.; DZHVARLI, Ch.M.; RUSTAM-ZADE, P.B.; GUSEYNOV,  
F.G.; GAZAR'YAN, S.I.; EGENDI-ZADE, A.A.; ALI-ZADE, A.S.

B.P. Al'bitskii; obituary. Elektrichestvo no.12:88 D '62.  
(MIRA 15:12)  
(Al'bitskii, Boris Petrovich, 1887-1962)

RUSTAM-ZADE, P.B.; YEGANOV, B.N.

Investigating electromagnetic and electrostatic effects in repairing by phases without cutting off the phase by grounding in the working area. Za. tekhn.prog. 3 no.9:12-15 S '63. (MIRA 16:10)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova (for Rustam-Zade). 2. Glavnoye upravleniye energetiki i elektrifikatsii pri Sovete Ministrov AzerbSSR (for Yeganov).

RUSTAMZADE, Pasha Bezirgyan oglu, dotsent, kand.tekhn.nauk

[Electric power stations and substations] Elektrik stansialary  
ve iarymstnsialarynyň elektrik hissesi. Baky, Azerbaichan  
dovlet neft ve elmi-tekniki edebiiiat neshriiatiy. [In Azer-  
baijani.] Pt.1. 1958. 661 p. (MIRA 13:4)  
(Electric power plants) (Electric substations)

RUSTAMOV, M.A.; RUSTAM-ZADE, Z.R.

Means for further specialization and prolongation of the working season in the canning industry of Azerbaijan. Za tekhn.prog. 3 no.8:41-44 Ag '63. (MIRA 17:1)

RUSTANOV, A.K.

Starlings nesting in Turkmenia and their practical significance.  
Uch. zap. Mosk. un. no.197:103-112 '58. (MIRA 11:9)  
(Turkmenistan--Starlings)

L 54720-65

ACCESSION NR: AP5017987

UR/0286/64/000/022/0097/0097

10  
B

AUTHOR: Berkman, I. L.; Katyukhin, B. P.; Rannov, A. V.; Rustanovich, A. V.; Smirnov, O. A.; Grushetskiy, Yu. L.; Zhukov, F. N.; Ovechkin, M. N.

TITLE: Accumulator-pump hydraulic drive. Class 84, No. 166609

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1964, 97

TOPIC TAGS: hydraulic equipment, pump, excavating machinery, civil engineering

Translation: This inventor's certificate introduces an accumulator-pump hydraulic drive for the rotating platform of an excavator with power recovery during braking. The device includes an actuating cylinder and an auxiliary storage cylinder, power pump, hydraulic motor, valve distributer, recovery and filling check valves. In order to assure the necessary pressure in the storage cylinder, to reduce the time for charging the force pump and to simplify the construction, the device includes a packing valve which keeps up the level in the hydraulic motor and controlled safety valves, one of which charges the force pump and the other a blocking valve for all positions of the distributer valve except the neutral position, thus limiting the pressure in the actuating cylinder during braking.

Card 1/2

L 54720-65

ACCESSION NR: AP5017987

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut stroitel'nogo i  
dorozhnogo mashinostroyeniya (All-Union Scientific Research Institute of Con-  
struction and Road Building Machinery)

SUBMITTED: 18Nov63

ENCL: 00

SUB CODE: IE, GO

NO REF SOV: 000

OTHER: 000

JPRS

Card 2/2

RUSTANDVICH, D.N.

In "Some Problems of the Study of the Seismicity of the Ashkhabad Region" by D. N. Rustanovich of Geophysics Institute, Academy of Sciences USSR, the seismicity of the Ashkhabadsk region is considered according to the materials of two seismic expeditions of the Geophysical Institute of the Academy of Sciences USSR collected in 1949 and 1953.

Seismic observations were carried out by "time field" methods (recording of primary and secondary waves by the net of stations established in the region).

The interpretation of the seismic observations by the calculation of the heterogeneity of the media makes it possible to obtain a more reliable distribution of the foci of earthquakes.

It is possible to consider that for raising the accuracy of the determinations of the seismic elements with the aim of constructing detailed tectonic maps it is expedient to combine the methods of regional seismology with seismographic geophysical works and deep seismic soundings.

Some charts of the area showing the distribution of the stations and epicenters, several drawings of the structure of the earth, and some graphs showing the distribution of the epicenters in a vertical plane are included. (Izvestiya Akademii Nauk SSSR, Seriya Geofizicheskaya, No 1, Jan 57, pp 10-20) (U)

SUM. 1345

RUSTANOVICH, D. N.

USSR/Geophysics - Earthquakes of Turkmenia

FD 349

Card 1/1

Author : Andreyev, S. S., Masarskiy, S. I., Rustanovich, D. N., and Kharin, D. A.

Title : Investigation of the weak earthquakes of southwestern Turkmenia

Periodical : Izv. AN SSSR, Ser. geofiz. 2, 143-152, Mar/Apr 1954

Abstract : Describe data based on a study of the chart showing the distribution of the epicenters of the weak local earthquakes observed in 1951-1952 in southwestern Turkmenia. Give an interpretation of this chart. Refer to the article "The earthquakes of Central Asia," Trudy Seismologicheskogo instituta (Works of the Seismological Institute), No 123, 1947, Ye. A. Rozova. Also to "Geometric seismics of laminar media," Trudy In-ta teoretich. geofiziki (Works of the Institute of Theoretical Geophysics), Vol II, No 1, 1946, by Yu. V. Riznichenko.

Institution : Geophysics Institute, Acad Sci USSR

Submitted : January 6, 1954

RUSLANOVICH, D. N.

(10) PAGE 1 BOOK EXPLANATION SOV/3034  
 Academy наук ССР. Совет по геофизике.  
 Bulletin: Krasnopolyanskiye zemletryaseniye, 1955 g., No. 5 (Bulletin:  
 Krasnaya Polyna Earthquake, 1955, no. 5) Moscow, 1958. 62 p. 1,200  
 copies printed.  
 Rep. M.: S.V. Mel'dov, Doctor of Technical Sciences; Ed. of Publ.  
 House: N.V. Shabalin.  
 PURPOSE: This booklet is intended for scientists working in the field of  
 geophysics and seismology.

CONTENTS: This bulletin contains three studies of the Krasnaya Polynya  
 earthquake which occurred on December 21-27, 1955. The studies include  
 data gathered by the expedition organized by Sov. Seismology Committee  
 of the Committee on Seismology of the Academy of Sciences, USSR, in  
 January-February 1956. The members of the expedition included A.N. Kats,  
 Institute of Geophysical Institute AS USSR; A.D. Tchubakova of the Geophysical  
 Institute of the Academy of Sciences of the Ukrainian SSR; and  
 Sh.A. Dzhubaba, A.I. Chuikyan, and A.M. Saryan of the Building Institute

of the Academy of Sciences of the Ukrainian SSR. References  
 accompany each article.

TABLE OF CONTENTS:

Shabalin, Sh.A., A.Z. Kats, A.I. Saryan, A.D. Tchubakova, and A.I. Chuikyan,  
 The Krasnaya Polyna Earthquake of December 21-27, 1955, and its Consequences 3  
 Kats, A.Z. Some Results of Seismographic Earthquake Zonation in Connection  
 with Seismogenic Micro-Zonation (Microseismological Conditions) 35  
 Ruzhentsev, D.M. Preliminary Results Shown by the Instrument Records  
 of Seismicity in The Krasnaya Polyna Earthquake Zone 55  
 AVAILABLE: Library of Congress

204-NS  
 L-30-59

Card 2/2

SOV/169-59-5-4470

Translation from: Referativnyy zhurnal, Geofizika, 1959, Nr 5, p 28 (USSR)

AUTHOR: Rustanovich, D.N.

TITLE: Preliminary Results of Instrumental Studies of the Seismism in  
the Krasnaya Polyana Earthquake Zone

PERIODICAL: Byul. Soveta po seysmolog. AS USSR, 1958, Nr 5, pp 55 - 62

ABSTRACT: In 1956, the Institute of Physics of the Earth, AS USSR, organized an expedition for the instrumental investigation of the seismic conditions of Krasnaya Polyana and Sochi and for the microseismic zoning of these districts after the Krasnaya Polyana earthquake on December 27, 1955. A network of temporary seismic stations participated in these investigations. The observations were carried out by four stations located at Sochi, Adler, Krasnaya Polyana, and Kalinovoye Ozero. The first three stations were equipped with VEGIK seismographs with magnification factor of 25,000; at the station of Kalinovoye Ozero, the OSKh and VSKh devices were installed with a peak characteristic and with a maximum magnification factor of 35,000 - 40,000. During the period from September to December 1956, the devices registered

Card 1/2

SOV/169-59-5-4470

Preliminary Results of Instrumental Studies of the Seismism in the Krasnaya Polyana Earthquake Zone

40 earthquakes. The epicenter position was determined for 23 earthquakes. The rest of the shocks were very weak and were registered only by one or two stations. The author gives a map of the epicenters with designations of the depth of foci and a description of the strongest earthquakes (3 - 4 marks). The depths of the foci varied between 2 - 5 and 10 - 15 km. The greatest number of earthquakes, characterized by a particularly small depth of the focus (2 - 5 km), are located in the region of Krasnaya Polyana in the zone of greatest intensity of the Krasnaya Polyana earthquake on December 27, 1955, and are apparently secondary shocks of this earthquake.

N.A. Vvedenskaya

Card 2/2

*Rustaveli, D.N.*

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Akademika nauch. zhurn. Sovet po geofizich.

Byullent', No. 8; Voprosy sverkhzadushnoj mikrofiziki (Voprosy o sverkhzadushnoj mikrofizike i vysokochastotnoj radioelektronike) (Topics in Superconducting Microphysics (Topics in Superconducting Microphysics and High-Frequency Radioelectronics)). Moscow, 1958. 255 pp. 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 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1884, 1885, 1886, 1887, 1888, 1889, 1889, 189

PAGE I BOOK EXPLORATION

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Akademika nauk SSSR. Institut fiziki Zemli  
Voprosy inzhenernoy seismologii, vyp. 3 (Problems in Engineering Seismology,  
No. 3) Moscow, 1960. 191 p. 1,700 copies printed. (Series: Itu: Trudy,  
no. 10 (177))  
Rep. Edn.: S.V. Medvedev; Doctor of Technical Sciences, in A.Z. Kats, L.K. Kitaevyev;  
Candidate of Physics and Mathematics; Ed. of Publishing House: L.K. Kitaevyev;  
Tech. Ed.: P.S. Koslina.

PURPOSE: This book is intended for seismologists, and engineers concerned with  
the construction of earthquake-resistant buildings.

CONTENTS: This is a collection of 15 articles by different authors on problems  
of engineering seismology. Individual articles discuss the effects of quakes  
on various structures; seismic activity in the Sochi-Khosta, Krasnaya Polyana,  
and Povorozhskiy regions; and ground vibrations during strong earthquakes.  
One article discusses the effect of the detonation of 3100 tons of explosives  
on buildings located 1000 m away. No personalities are mentioned. Each article  
is accompanied by references.

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(14)

S/519/60/000/008/012/031  
D051/D113

AUTHORS: Rastvorova, T.I. and Rustanovich, D.N.  
TITLE: Seismicity and the latest tectonics of the zone of the Krasnaya Polyana earthquakes  
SOURCE: Akademiya nauk SSSR. Sovet po seismologii. Byulleten', no. 8, Moscow, 1960. Voprosy seismicheskogo rayonirovaniya, 110-115

TEXT: A study of the seismicity and tectonic structure of the Krasnaya Polyana area in the Northern Caucasus is given. The authors trace the history of earthquakes occurring in the region, placing special emphasis on a series of earthquakes which started on December 21, 1955. On December 21, 1955 at 1954 hours near the village of Krasnaya Polyana an earthquake of intensity 6 occurred, which damaged residential and industrial buildings. According to Soviet seismic stations, the coordinates of the epicenter were 43°47'N-40°09'E, the focus depth 5-8 km, and M=4.1/2. The main shock was followed by secondary ones. The heaviest earthquake (intensity 7) in this

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DO51/D113

Seismicity and the latest tectonics ...

series of shocks occurred in Krasnaya Polyana on December 27, 1955 at 0843 hours and affected the entire surrounding area. Many residential buildings and the Krasnopolyanskaya GES (Krasnaya Polyana Hydroelectric Power Plant) were damaged. A new heavy earthshock of intensity 3 occurred on January 3, 1956 at 0245 hours. On the whole, 37 shocks were recorded from December 21, 1955 to January 20, 1956. In the following months, the seismicity of the region weakened considerably. In September 1956, the Krasnopolyanskaya seismicheskaya ekspeditsiya (Krasnaya Polyana Seismic Expedition) arrived to study the seismicity of the area and to carry out seismic microzoning. A network of seismic stations was organized. The usual equipment for regional stations was used: БЭГИК (BEGIK) seismographs and seismographs of the type developed by D.A. Kharin. The seismograms were processed according to the time field and other methods. From September 1956 to August 1957, the network of seismic stations recorded 123 earthquakes. The coordinates of 55 centers were determined. As a result of generalizing data obtained, a map of the epicenters and the depth of the earthquakes, included in the article, was compiled. The map gives a survey on seismicity and the latest tectonics.

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Seismicity and the latest tectonics ...

of the region. An analysis showed that only the southern slope of the Great Caucasus mountain is subjected to seismic processes. As a rule, the earthquake centers are only 1-5 km deep. The increasing intensity of the heavy Krasnaya Polyana earthquakes deserves attention. The heavy intensity scaling of the earthquake of December 27, 1955 may be ascribed to a deeper location of its focus. A historic tectonic analysis of the region showed that, during recent movements expressed by the vaulted elevation of the Great Caucasus and the subsidence of the Black Sea, depression zones of the latest extensive faults mostly originated in the same places as the ancient ones. Hence, the scalariform relief of the southern slope. At the same time, however, the basic division of the region into two tectonic zones (flysch zone and section of the Asian platform) was preserved. This tectonic structure accounts for the particular character of the seismicity of the region. Most of the earthquake centers are located in the northern flysch zone where the latest tectonic movements are greatly differentiated. In the southern zone, the latest tectonic movements are little differentiated and the seismicity is relatively small. Details concerning the location of the earthquake centers, etc. are given. Scientists V.V. Muratov, A.D. Arkhangel'skiy, and N.M. Strakhov are

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firmly and the latest tectonics ...

S/519/60/CSC/CSC/013/031  
D051/D113

mentioned in the article. There is 1 figure and 9 Soviet references.

INSTITUTION: Institut fiziki Zemli AN SSSR (Institute of Physics of the Earth of the AS USSR)

Card 4/4

RUSTANOVICH, D.N.; MASAYTIS, V.L.; CHON KEN SUK [Ch'ong Hyon-suk]

Seismicity and problems of seismotectonics and the establishment of seismic regions in Korea. Izv. AN SSSR, Ser. geofiz. no.10:1441-1463 O '61. (MIRA 14:9)

1. AN SSSR, Institut fiziki Zemli.  
(Korea--Seismology)

S/030/62/000/004/010/010  
B107/B102

AUTHOR: Rustanovich, D. N.

TITLE: The division of USSR territory into seismic districts

PERIODICAL: Akademiya nauk SSSR. Vestnik, no. 4, 1962, 127-128

TEXT: During 1963 an improved map showing the division of Soviet Union territory into seismic districts is to be completed. The necessary investigations are being carried out by the Institut fiziki Zemli im. O. Yu. Shmidta (Institute of Physics of the Earth imeni O. Yu. Shmidt) and Sibirskoye otdeleniye Akademii nauk SSSR (Siberian Département of the Academy of Sciences USSR) jointly with the Academies of Sciences in the various Republics of the Soviet Union. To coordinate these researches and lay down uniform working principles for the mapping, the Sovet po seismologii Akademii nauk SSSR (Seismological Council of the Academy of Sciences USSR) held an All-Union Conference in Moscow from January 30 to February 8. In his opening remarks the chairman of this Council, Ye. F. Savarenskiy, reported on methodical principles for evaluating seismological and geological data in seismic maps. The leading

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B107/B102

The division of....

specialists in this field further reported on geological researches and their interpretation.. Using detailed maps as examples, V. I. Bune illustrated the most important methods in various regions. N. A. Vvedenskaya discussed the evaluation of macroseismic data and suggested a new classification of severe earthquakes. A. A. Sorskiy reported on the interpretation of geological data in seismic mapping. Representatives of the Academies of Sciences in Republics of the Soviet Union gave the Conference further reports on the stage then reached in the mapping work. Working parties for the individual seismic zones discussed legends to be used in the geological and seismological maps and agreed upon boundaries between the zones. Joint meetings of these working groups decided upon the most important problems needing research, such as the energy characteristics of earthquakes, geological criteria, etc. The Conference proceeded to lay down more definitely the boundaries of the zones, allocated the compilation of the maps to particular institutions of the Academies of Sciences in the Soviet Union republics, confirmed the legends to be used in the seismological and geological maps as a whole and adopted a resolution regarding the sequence to be followed

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